



09/673,981

990.1240

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Re: Patentee: NISKANEN, Heikki

Patent No.: 6,820,834

**Certificate  
DEC 29 2004  
of Correction**

Grant Date: November 23, 2004

Title: REEL-UP

**REQUEST FOR CERTIFICATE OF CORRECTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 13, 2004

*Attn.: Certificate of Correction Branch*

Dear Sir/Madam:

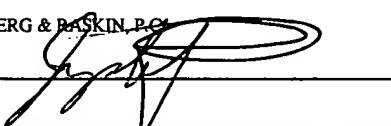
Pursuant to 37 CFR §1.322, patentee respectfully requests that a Certificate of Correction be issued without fee in connection with the above-identified patent. It is submitted that such correction is appropriate as the error set forth below occurred through the fault of the U.S. Patent and Trademark Office.

Specifically, the title of the patent should be set forth as "REEL-UP".

It is respectfully advised that the title was correctly set forth in the Transmittal letter as filed with the application. A copy of the Transmittal letter as filed is enclosed herewith for your reference.

I hereby certify that this correspondence and/or fee is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on December 13, 2004.

STEINBERG & RASKIN, P.C.

By: 

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Commissioner for Patents  
December 13, 2004  
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For some unknown reason, the Patent Certificate was issued with the title of the patent as "REEL UP" instead of as "REEL-UP", with a hyphen ("–") added between the words "REEL" and "UP". A marked-up copy of the front page of the original Patent Certificate is enclosed herewith for your reference.

It is clear that the error occurred through the fault of the U.S. Patent and Trademark Office, and therefore correction without fee is appropriate.

Kindly telephone the undersigned if any additional information or materials are required.

Please return the enclosed postcard to indicate your receipt of the above-referenced materials.

Respectfully submitted,

STEINBERG & RASKIN, P.C.

By:   
Dona C. Edwards  
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Encls.  
cc: Martin G. Raskin, Esq. (w/o encls.)



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(12) **United States Patent**  
Niskanen

(10) **Patent No.:** US 6,820,834 B1  
(45) **Date of Patent:** Nov. 23, 2004

*REEL-UP*

→ (54) **REEL-UP**

(75) Inventor: Heikki Niskanen, Järvenpää (FI)

(73) Assignee: Metso Paper, Inc., Helsinki (FI)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/673,981

(22) PCT Filed: Apr. 21, 1999

(86) PCT No.: PCT/FI99/00321

§ 371 (c)(1),  
(2), (4) Date: Oct. 23, 2000

(87) PCT Pub. No.: WO99/55608

PCT Pub. Date: Nov. 4, 1999

(30) **Foreign Application Priority Data**

Apr. 24, 1998 (FI) ..... 980908

(51) Int. Cl. 7 ..... B65H 18/20

(52) U.S. Cl. ..... 242/541.3; 242/542.3;  
198/840; 474/246

(58) **Field of Search** ..... 242/541, 541.1,  
242/541.3-541.4, 542.3-542.4, 547; 474/246;  
198/840

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\* cited by examiner

*Primary Examiner—Kathy Matecki*

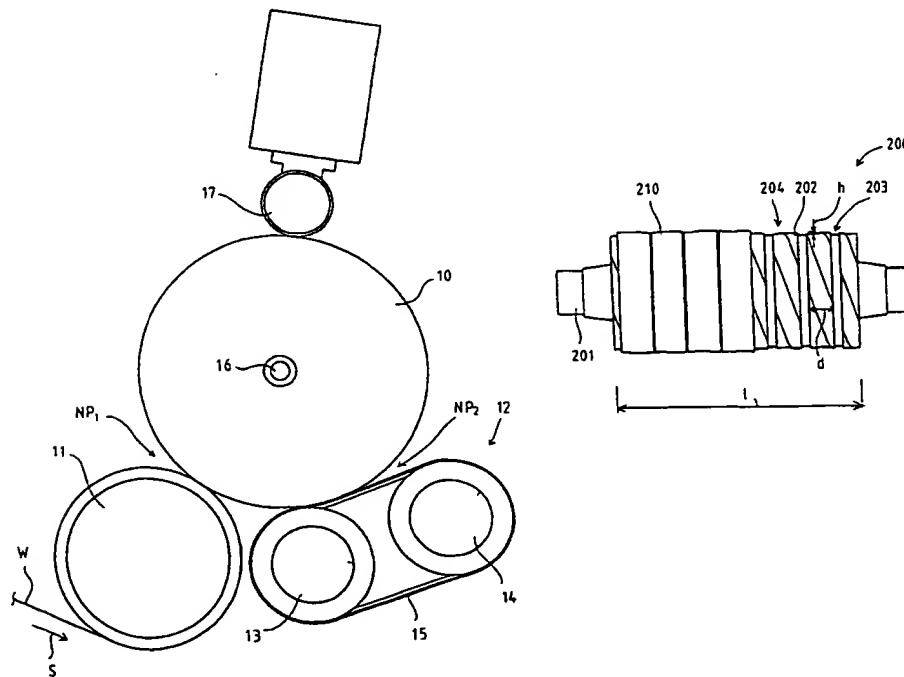
*Assistant Examiner—Sang Kim*

(74) **Attorney, Agent, or Firm—Steinberg & Raskin, P.C.**

(57) **ABSTRACT**

A reel-up/winder, comprising one or several members (11, 12) that support the reel/roll (10) to be formed onto a reel/roll spool (16), of which members at least one support member is a belt support member (12), which consists of a belt loop (15) which is supported by means of at least two rolls (13, 14), whose axes are substantially parallel to the axis of the reel/roll spool (16). Into the outer face of the mantle of at least one roll (13, 14) in said belt support member (12), a substantially spiral-shaped groove (204) has been formed, which extends across the axial width (1) of the roll mantle (202).

19 Claims, 3 Drawing Sheets



**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY

990.1240

OCKET NUMBER

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

INTERNATIONAL APPLICATION NO.  
PCT/FI99/00321INTERNATIONAL FILING DATE  
April 21, 1999PRIORITY DATE CLAIMED  
April 24, 1998

TITLE OF INVENTION

REEL-UP

APPLICANT(S) FOR DO/EO/US

Heikki NISKANEN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5.  A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.  A copy of the International Search Report (PCT/ISA/210).
8.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
9.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
10.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 13 to 20 below concern document(s) or information included:**

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  A substitute specification.
18.  A change of power of attorney and/or address letter.
19.  Certificate of Mailing by Express Mail
20.  Other items or information:

Letter Re Priority

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

INTERNATIONAL APPLICATION NO.

ATTORNEY'S DOCKET NUMBER

PCT/FI99/00321

990.1240

21. The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :**

- |   |          |
|---|----------|
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... | \$970.00 |
| <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but Internation Search Report prepared by the EPO or JPO .....   | \$840.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....   | \$690.00 |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....  | \$670.00 |
| <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) - and all claims satisfied provisions of PCT Article 33(1)-(4) .....  | \$96.00  |

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$840.00

Surcharge of \$130.00 for furnishing the oath or declaration later than  
months from the earliest claimed priority date (37 CFR 1.492 (e)). 20     30

\$0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	13 - 20 =	0	x \$18.00	\$0.00
Independent claims	3 - 3 =	0	x \$78.00	\$0.00
Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>	\$0.00

**TOTAL OF ABOVE CALCULATIONS =**

\$840.00

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement  
must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable).

\$0.00

**SUBTOTAL =**

\$840.00

Processing fee of \$130.00 for furnishing the English translation later than  
months from the earliest claimed priority date (37 CFR 1.492 (f)). 20     30

\$0.00

**TOTAL NATIONAL FEE =**

\$840.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).

\$40.00

**TOTAL FEES ENCLOSED =**

\$880.00

Amount to be: refunded	\$
charged	\$

 A check in the amount of \$880.00 to cover the above fees is enclosed. Please charge my Deposit Account No. in the amount of to cover the above fees.  
A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment  
to Deposit Account No. 50-0518 A duplicate copy of this sheet is enclosed.NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

STEINBERG & RASKIN, P.C.  
1140 Avenue of the Americas, 15th Floor  
New York, New York 10036-5803

SIGNATURE

Martin G. Raskin

NAME

25,642

REGISTRATION NUMBER

October 23, 2000

DATE